

BENDAX MOS2-G I

BENTONITE GREASE WITH MOS2 AND GRAPHITE



Description

Bendax MoS2-G 1 is a high performance non-melting grease that can operate at higher temperatures than conventional soap based greases. It is formulated with bentonite clay and high viscosity Index mineral base oils, but also with a Mixture of finely dispersed Molybdenum Sulphide (2 w%) and Graphite (6 w%). It also contains additives to prevent wear and oxidation. The use of solid particles allows the formation of a thin coating that prevents wear but also has an excellent water washout property. It may be used under operating conditions such as dusty environment or under recurring shock loads.

Applications

- Open gears
- Sliding surfaces
- Pins and bushes on earthmoving equipment
- Cement mills journals
- Sugar mills bearings
- Slow moving heavily loaded bearings

Benefits

- Non melting grease
- Excellent water resistance and good adherence to metal surfaces
- Versatile Heavy Duty grease with enhanced extreme pressure and anti seize performance
- Effective protection against corrosion and fretting

Typical Properties

| | | |
|-----------------------------------|------|--------------------------|
| Appearance | | Black |
| NLGI N° | | 1 |
| Structure | | Smooth |
| Thickener | | Bentonite clay |
| Worked penetration @ 25°C (60/60) | mm-1 | 310-340 |
| Base oil Viscosity at 40°C | cSt | 1250 |
| Solids | w% | MoS2: 2% Graphite: 6% |
| Dropping point | °C | n.a. |
| Operating temperature | °C | +10/+200 |